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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	26114.14
First Inventor	Makarov et al.
Title	Obtaining Tandem Mass Spectrometry Data for Multiple Parent Ions in an Ion Population
Express Mail Label No.	EV333441043US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 38]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 14]
5. Oath or Declaration [Total Sheets]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Express Mail Certificate.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 000027683 OR ☐ Correspondence address below

Name	Timothy F. Bliss				
Address	Haynes and Boone, LLP				
	901 Main Street, Suite 3100				
City	Dallas	State	Texas	Zip Code	75202
Country	USA	Telephone	972-739-8638	Fax	214-200-0853

Name (Print/Type)	Timothy F. Bliss	Registration No. (Attorney/Agent)	50,925
Signature	<i>T. F. Bliss</i>	Date	03/19/2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,450.00

Complete if Known

Application Number	to be assigned
Filing Date	03/19/2004
First Named Inventor	Makarov et al.
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	26114.14

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
08-1394Deposit Account Name
Haynes and Boone, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
53	-20** = 33	18	594.00
Independent Claims	4	-3** = 1	86.00
Multiple Dependent		0	0.00

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 680.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	0.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	0.00
1053	130	1053	130	Non-English specification	0.00
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	0.00
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	0.00
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	0.00
1251	110	2251	55	Extension for reply within first month	0.00
1252	420	2252	210	Extension for reply within second month	0.00
1253	950	2253	475	Extension for reply within third month	0.00
1254	1,480	2254	740	Extension for reply within fourth month	0.00
1255	2,010	2255	1,005	Extension for reply within fifth month	0.00
1401	330	2401	165	Notice of Appeal	0.00
1402	330	2402	165	Filing a brief in support of an appeal	0.00
1403	290	2403	145	Request for oral hearing	0.00
1451	1,510	1451	1,510	Petition to institute a public use proceeding	0.00
1452	110	2452	55	Petition to revive - unavoidable	0.00
1453	1,330	2453	665	Petition to revive - unintentional	0.00
1501	1,330	2501	665	Utility issue fee (or reissue)	0.00
1502	480	2502	240	Design issue fee	0.00
1503	640	2503	320	Plant issue fee	0.00
1460	130	1460	130	Petitions to the Commissioner	0.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	0.00
1806	180	1806	180	Submission of Information Disclosure Stmt	0.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	0.00
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	0.00
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	0.00
1801	770	2801	385	Request for Continued Examination (RCE)	0.00
1802	900	1802	900	Request for expedited examination of a design application	0.00

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Timothy F. Bliss	Registration No. (Attorney/Agent)	50,925	Telephone	972-739-8638
Signature	<i>Timothy F. Bliss</i>	Date	03/19/2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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D-1172731.1

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Customer No. 000027683

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§	Attorney Docket No. 26114.14
Makarov et al.	§	
Serial No. to be assigned	§	Customer No. 27683
Filed: 03/19/2004	§	Group Art Unit: Unknown
For: Obtaining Tandem Mass	§	Examiner: Unknown
Spectrometry Data for Multiple	§	
Parent Ions in an Ion Population	§	

EXPRESS MAIL CERTIFICATE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail Number: EV333441043US

Date of Deposit: March 19, 2004

I hereby certify that the following attached papers and fee:

1. Utility Patent Application Transmittal Form;
2. Fee Transmittal Form (in duplicate);
3. Patent Application consisting of 38 pages of specification;
4. 14 drawing sheets;
5. Application Data Sheet (2 pages);
6. a check in the amount of \$1450.00; and
7. Return Postcard

are being deposited with United States Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Gayle Conner

Typed or Printed Name

Signature